

ABSTRACT

An intraluminal support device for providing artificial support to a body vessel is provided. The support device includes a support frame having a substantially uniform circumference along its length, and a graft material disposed on a portion of the support frame. The graft material spans at least a portion of the length of the support frame and extends only a partial distance along the circumference of the support frame. Radiopaque markers can be disposed on the support frame adjacent the graft material to facilitate orientating the device in a body vessel such that the graft material is in a desired position relative to a treatment site of the vessel. A delivery apparatus for introducing such an intraluminal support device to a vessel is also provided.